ABSTRACT

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N-substituted azacycle derivative compounds represented by formula (I):

$$\begin{array}{c} R^{\frac{1}{4}} \\ R^{\frac{1}{4}} \\ R^{\frac{1}{4}} \\ \end{array}$$

wherein m, q, r, t and u are independently selected from 0 or 1; and p is 0, 1,
2, or 3; and A, B, D, X, Y, R, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰ and R¹¹ are fully
described herein. The compounds being particularly useful in compositions
comprising an insecticidally effective amount of at least one compound of formula 1,
10 and an insecticidally compatible carrier are also disclosed; along with methods of

controlling insects comprising applying said compositions to a locus where insects are present or are expected to be present.